

Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

AIR QUALITY PERMIT

Permittee Name: Mouser Kitchens, Incorporated
Mailing Address: 2112 North Highway 31W
Elizabethtown, Kentucky 42701

is authorized to operate a wood furniture manufacturing plant

Source Name: same as above
Mailing Address: same as above
Source Location: same as above

Permit Type: Federally-enforceable
Review Type: Title V, Synthetic minor, NESHAP

Permit Number: V-97-058
Log Number: F003
Application
Complete Date: February 9, 1997
KYEIS ID #: 104-1600-0043
AFS Plant ID #: 21-093-00043
SIC Code: 2511

Region: Bluegrass
County: Hardin

Issuance Date:
Expiration Date:

John E. Hornback, Director
Division for Air Quality

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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be administratively and technically complete on February 9, 1997, the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This draft permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, alter, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in the Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

This permit contains provisions which require that specific test methods, monitoring or record keeping be used as a demonstration of compliance with permit limits. However, these provisions do not shield the source from violations of the applicable requirements being established and documented through other evidence, nor does it relieve the source from its obligation to comply with the underlying emission limits or other applicable requirements being monitored.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

- 6 (6) Line #1 Bake Oven
Natural gas-fired oven
4.7 mmBTU/hour, installed 1989
- 12 (1) Line #2 Bake Oven #1
Natural gas-fired oven
2.5 mmBTU/hr, installed 1996
- 12 (2) Line #2 Bake Oven #2
Natural gas-fired oven
2.5 mmBTU/hr, installed 1996
- 17 (01) Air house #1 (air makeup unit)
natural gas-fired
6.0 mmBTU/hr, installed 1989
- 18 (01) Air house #2 (air makeup unit)
natural gas-fired
18.0 mmBTU/hr, installed 1996

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None
2. **Emission Limitations:** None
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:** None
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None
9. **Compliance Schedule:** None
10. **Compliance Certification Requirements:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 1 (1) Sand Booth (600 board ft/hr and 1.2 million bd/ft/yr)
14 (14) Off-Line Booth #2 (30 board ft/hr 0.263 million bd/ft/yr)

Description: Woodworking Operations

(power/hand tools for cutting, sanding, shaping, touch-up, finish sanding, etc.)

Various installation dates: 1989-1996

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations, applicable to each affected facility or source, associated with process operations, which are not subject to another emission standard with respect to particulate, commenced on or after July 2, 1975.

1. **Operating Limitations:** None
2. **Emission Limitations:** 401 KAR 59:010, New process operations
 - a. Section 3, PM emissions shall not exceed the allowable rate calculated based on the process weight rate (P) using the following equation:
 $E = 3.59 P^{0.62}$ Where P is in tons per hour for process weight rate over 0.5 ton per hour.
 - b. For P less than or equal 0.5 ton per hour the allowable is 2.34 lbs/hour.
 - c. Section 3, Visible emissions shall not equal or exceed 20% opacity.
 - d. Compliance with PM emission limitations shall be demonstrated by record keeping and the specific control equipment operating conditions of Section 5 and 7 below.
3. **Testing Requirements:** None
4. **Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:**
Board feet of wood used and hours of operation for the process shall be recorded on daily basis. The baghouse pressure drop readings shall be recorded weekly.
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:**
The Pneumafil baghouse shall be operational at all times when the woodworking processes are operational. Bags in the baghouse shall be cleaned/replaced as often as needed to comply with the emission limitations. Pressure drop, in accordance with the manufacturer's specifications, shall be monitored weekly in order to insure proper operation of the baghouse at all times.
8. **State Origin Requirements:** None
9. **Alternate Operating Scenario:** None
10. **Compliance Schedule:** None
11. **Compliance Certification Requirement:** See Section F(7)

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

Wood furniture finishing lines #1 and #2 consisting of:

- 2 (2) Line #1 Stain Spray Booth (installed 1989)
- 3 (3) Line #1 Sealer Spray Booth (installed 1989)
- 4 (4) Line #1 Glaze Spray Booth (installed 1989)
- 5 (5) Line #1 Topcoat Spray Booth (installed 1989)
- 7 (7) Cleanup Area (for dip tanks and spray gun cleaning)(installed 1989)
- 8 (8) Line #2 Stain Spray Booth (installed 1996)
- 9 (9) Line #2 Two Sealer Spray Booths (installed 1996)
- 10 (10) Line #2 Glaze Spray Booth (installed 1996)
- 11 (11) Line #2 Topcoat Spray Booth (installed 1996)
- 13 (13) Off-line Booth #1 (installed 1989)

APPLICABLE REGULATIONS:

40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations, is applicable to an affected facility that is engaged, either in part or in whole, in the manufacture of wood furniture components and that is located at a plant site that is a major source as defined in 40 CFR part 63.2.

401 KAR 59:010, New process operations, applicable to each affected facility or source associated with process operations, which are not subject to another emission standard with respect to particulate, commenced on or after July 2, 1975.

1. Operating Limitations:

- 2 (2) Line #1 Stain Spray Booth (stain usage shall not exceed 0.8 gal/hr and 918 gals/yr)
(installed 1989) (thinner usage shall not exceed 0.5 gal/hr and 918 gals/yr)
- 3 (3) Line #1 Sealer Spray Booth (sealer usage shall not exceed 4.5 gals/hr and 2,754 gals/yr)
(installed 1989) (thinner usage shall not exceed 1.7 gals/hr and 306 gals/yr)
- 4 (4) Line #1 Glaze Spray Booth (glaze usage shall not exceed 0.45 gal/hr and 151 gals/yr)
(installed 1989) (thinner usage shall not exceed 0.2 gal/hr and 404 gals/yr)
- 5 (5) Line #1 Topcoat Spray Booth (topcoat usage shall not exceed 3.35 gals/hr and
(installed 1989) 2,754 gals/yr)
(thinner usage shall not exceed 0.2 gal/hr and 306 gals/yr)
- 7 (7) Cleanup Area (for dip tanks and spray gun cleaning; cleanup thinner usage shall not
(installed 1989) exceed 0.8 gal/hr and 3,010 gals/yr)

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)**1. Operating Limitations: (continued)**

- 8 (8) Line #2 Stain Spray Booth (stain usage shall not exceed 0.8 gal/hr and 2,000 gals/yr)
(installed 1996) (thinner usage shall not exceed 0.5 gal/hr and 2,000 gals/yr)
- 9 (9) Line #2 Two Sealer Spray Booths (sealer usage shall not exceed 6.0 gals/hr and
(installed 1996) 6,000 gals/yr, total for both booths)
(thinner usage shall not exceed 2.33 gals/hr and
1,000 gals/yr, total for both booths)
- 10 (10) Line #2 Glaze Spray Booth (glaze usage shall not exceed 0.45 gal/hr and 1,000 gals/yr)
(installed 1996) (thinner usage shall not exceed 0.2 gal/hr and 1,000 gals/yr)
- 11 (11) Line #2 Topcoat Spray Booth (topcoat usage shall not exceed 3.35 gals/hr and 6,000
(installed 1996) gals/yr)
(thinner usage shall not exceed 0.2 gal/hr and 1,000 gals/yr)
- 13 (13) Off-line Booth #1 (sealer usage shall not exceed 0.25 gal/hr and 2,190 gals/yr)
(installed 1989) (thinner usage shall not exceed 0.25 gal/hr and 2,190 gals/yr)
(topcoat usage shall not exceed 0.25 gal/hr and 2,190 gals/yr)

2. Emission Limitations:

1. Volatile organic compound (VOC) emissions shall be less than 225 tons per rolling 12 month period for the entire source.
 - a. Compliance with VOC emissions limitations shall be demonstrated by the record keeping and reporting requirements of Sections 5 and 6 below.
2. 401 KAR 59:010, New process operations,
 - a. Section 3, PM emissions shall not exceed the hourly allowable rate of 2.34 lbs/hr, per booth.
 - b. Section 3, Visible emissions shall not equal or exceed 20% opacity, per booth.
 - c. Compliance with PM emission limitations shall be demonstrated as stated in the specific control equipment operating condition of Section 7 below.

3. Testing Requirements: None**4. Monitoring Requirements: None****5. Specific Record Keeping Requirements: See Group Requirements and Section F(2).****6. Specific Reporting Requirements: See Group Requirements and Section F(2)**

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

7. **Specific Control Equipment Operating Conditions:**
Panel filters shall be in place at all times when the spray booths are operating and shall be cleaned/replaced as often as needed to comply with the emission limitations.
8. **State-Origin Requirements:** None
9. **Alternate Operating Scenario:** None
10. **Compliance Schedule:** See Group Requirements
11. **Compliance Certification Requirement:** See Section F(7)

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)**GROUP Requirements****LIST of EMISSION POINTS (2, 3, 4, 5, 7, 8, 9, 10, 11, 13)****APPLICABLE REGULATIONS:**

- A. 40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations, applicable to an affected facility that is engaged, either in part or in whole, in the manufacture of wood furniture components and that is located at a plant site that is a major source as defined in 40 CFR part 63.2 (Compliance date: December 7, 1998).
- B. 401 KAR 59:010, New process Operations, applicable to each affected facility or source, associated with a process operation, which is not subject to another emission standard with respect to particulate, commenced on or after July 2, 1975.

1. Operating Limitations:

- A. 40 CFR 63.803, **OPERATOR TRAINING:** Personnel involved in finishing, gluing, cleaning, and washoff operations shall be trained in appropriate application, cleaning, and washoff procedures, equipment setup and adjustment to minimize finishing material usage and overspray, and appropriate management of cleanup wastes. This training shall be completed within six months of the compliance date (December 7, 1998) for existing personnel. New personnel shall be trained upon hiring. All personnel shall be given refresher training annually.
- B. 40 CFR 63.803, **WASHOFF AND CLEANING SOLVENTS:** Cleaning or washoff solvents that contain any of the pollutants listed in 40 CFR 63, Subpart JJ, Table 4, in concentrations subject to MSDS reporting as required by OSHA, shall not be used. Emissions from washoff shall be further controlled by using normally closed tanks to contain washoff, and orientation of the part to drain as much solvent as possible.
- C. 40 CFR 63.803, **SPRAY BOOTH CLEANING:** Compounds containing more than 8.0 percent by weight of VOC shall not be used for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, or metal filters, unless the spray booth is being refurbished. If the spray booth is being refurbished, that is the spray booth coating or other protective material used to cover the booth is being replaced, the affected source shall use no more than 1.0 gallon of organic solvent per booth to prepare the surface of the booth prior to applying the booth coating.
- D. 40 CFR 63.803, **LINE AND GUN CLEANING:** Normally closed containers shall be used to contain all organic solvent used to clean lines and spray guns.
- E. 40 CFR 63.803, **STORAGE REQUIREMENTS:** Normally closed containers shall be used for storing finishing, gluing, cleaning, and washoff materials.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

1. Operating Limitations:(continued)

- F. 40 CFR 63.803, **APPLICATION EQUIPMENT REQUIREMENTS:** Conventional air spray guns shall be used to apply finishing materials only under any of the following circumstances:
1. To apply finishing materials that have a VOC content no greater than 1.0 lb VOC/lb solids, as applied;
 2. For touch up and repair under the following conditions:
 - (a) The touch up and repair occurs after completion of the finishing operation; or
 - (b) The touch up and repair occurs after the application of stain and before the application of any other type of finishing material and the material used for touch up and repair are applied from a container that has a volume of no more than 2.0 gallons.
 3. When spray is automated, that is , the spray gun is aimed and triggered automatically, not manually.
 4. The conventional air gun is used to apply finishing materials and the cumulative total usage of that finishing material is no more than 5.0 percent of the total gallons of finishing material used during that semiannual period.
- G. 40 CFR 63.803, **LEAK INSPECTION REQUIREMENTS:** As a minimum, all equipment used to transfer or apply coatings, adhesives, or organic solvents shall be visually inspected once per month. A first attempt at repair (e.g., tightening of packing glands) shall be made no later than five calendar days after the leak is detected, and final repairs shall be made within 15 calendar days after the leak is detected, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three months
- H. 40 CFR 63.802, **ADHESIVES:** Volatile Hazardous Air Pollutant (VHAP) content of contact adhesives applied to porous substrates shall not exceed 1.0 lb VHAP/ lb. solids as applied.
- I. 40 CFR 63.802, **STRIPPABLE SPRAY BOOTH COATINGS:** shall contain no more than 0.8 lb VOC per lb solids, as applied.

2. Emission Limitations:

40 CFR 63.802, **EMISSION LIMITS FOR FINISH MATERIALS:** Volatile Hazardous Air Pollutant (VHAP) emissions shall not exceed the limits presented in Table 3 of 40 CFR 63 Subpart JJ.

Compliance Demonstration Method:

The permittee shall calculate the average VHAP content for all finishing materials used at the facility using the following equation, and maintain a value of E no greater than 1.0 lbs VHAP/ lbs solids:

$$E = \frac{(M_{c1}C_{c1} + M_{c2}C_{c2} + \text{*****} + M_{cn}C_{cn} + S_1W_1 + S_2W_2 + \text{*****} + S_nW_n)}{(M_{c1} + M_{c2} + \text{*****} + M_{cn})}$$

E = the emission limit achieved by an emission point or a set of emission points, in lb VHAP/lb solids.

M_c= the mass of solids in finishing material used monthly, lb solids/months.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

C_c = the VHAP content of a finishing material in pounds of VHAP per pounds of coating solids.

2. Emission Limitations:(continued)

S = the VHAP content of a solvent, expressed as weight fraction, added to finishing materials.

W = the amount of solvent in pounds, added to finishing materials during the monthly averaging period.

3. Testing Requirements: None**4. Specific Monitoring Requirements: None****5. Specific Record Keeping Requirements:**

A. **TRAINING PROGRAM:** as specified in 1.c, Operator Training, for personnel involved in finishing, gluing, cleaning, and washoff operations. The program shall include, at a minimum the following:

- (1) A list of all current personnel by name and job description that are required to be trained;
- (2) An outline of the subjects to be covered in the initial and refresher training for each position or group of personnel;
- (3) Lesson plans for courses to be given at the initial and the annual refresher training that include, at a minimum, appropriate application techniques, appropriate cleaning and washoff procedures, appropriate equipment setup and adjustment to minimize finishing material usage and overspray, and appropriate management of cleanup wastes; and
- (4) A description of the methods to be used at the completion of initial or refresher training to demonstrate and document successful completion.

B. **LEAK INSPECTION AND MAINTENANCE PLAN** that specifies:

- (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings, adhesives, or organic solvents;
- (2) An inspection schedule;
- (3) Methods for documenting the date and results of each inspection and any repairs that were made;
- (4) The time frame between identifying the leak and making the repair, which adheres, at a minimum, to the following schedule:
 - (a) First attempt at repair (e.g., tightening of packing glands) shall be made no later than five calendar days after the leak is detected; and
 - (b) Final repairs shall be made within 15 calendar days after the leak is detected, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three months.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)**C. CLEANING AND WASHOFF SOLVENT ACCOUNTING SYSTEM** to include:

- (1) The quantity and type of organic solvent used each month for washoff and cleaning, as defined in 40 CFR 63.801.
- (2) The number of pieces washed off, and the reason for the washoff.
- (3) The quantity of spent solvent generated from each washoff and cleaning operation.

5. Specific Record Keeping Requirements (continued):**D. COMPLIANCE REPORT:** In addition, to comply with the provisions of 40 CFR 63.804 (a)(1), owner/operators shall maintain records demonstrating that the coatings and thinners are compliant according to Table 3 of 40 CFR 63 Subpart JJ. These records shall include:

- (1) A certified product data sheet for each finishing material, thinner, contact adhesive, and strippable spray booth coating subject to the emission limits in Table 3;
- (2) The VHAP content (A list of VHAP can be found in Table 2 of Subpart JJ), in lb VHAP/ lb solids, as applied, of each finishing material and contact adhesive subject to the emission limits in Table 3; and
- (3) The VOC content, in lb VHAP/ lb solids, as applied, of each strippable booth coating subject to the emission limits in Table 3.
- (4) Copies of the averaging calculation for each month following the compliance date, as well as the data on the quantity of coatings and thinners used that is necessary to support the calculation of E (40 CFR 63.804 (a) (1)).

E. FORMULATION ASSESSMENT PLAN: The owner/operator shall prepare and maintain a record which:

- (1) Identifies VHAP from the list in Table 5 of 40 CFR 63 Subpart JJ, that are being used in finishing operations by the affected source;
- (2) If no VHAP from Table 5 of 40 CFR 63 Subpart JJ is used then the record shall reflect that; otherwise
- (3) The owner/operator should follow guidelines for the formulation assessment plan as presented in 40 CFR 63.803 (1), Formulation assessment plan for finishing operations;
- (4) If after November 1998, an affected source uses a Volatile Hazardous Air Pollutant (VHAP) of potential concern as listed in Table 6 of 40 CFR 63 Subpart JJ, and exceeds the de minimis level, then the affected source shall provide an explanation to the permitting authority that documents the reason for accedence of the de minimis level. If the explanation is not one of those listed in paragraphs (1)(4)(I) through (1)(4)(iv) of 40 CFR 63.803, the affected source shall follow the procedures established in paragraph (1)(5).

6. Specific Reporting Requirements: 40 CFR 63.807

- A. The permittee shall submit **INITIAL COMPLIANCE STATUS REPORT** no later than 60 days after the compliance date (December 7, 1998). The report shall include information required by 40 CFR 63.804 (f) (1). The report should also state that the work practice implementation plan has been developed and procedures have been established for implementing the provisions of the plan.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- B. The permittee shall provide a written notification under 40 CFR 63.803(1)(4) and shall include in the notification one or more statements that explains the reasons for the usage increase. The notification shall be submitted no later than 30 calendar days after the end of the annual period in which the usage increase occurred.

6. **Specific Reporting Requirements (continued):**

To be submitted within 30 Calendar days after the end first 6-months period following the compliance date (December 7, 1998).

- C. 40 CFR 63.804, **COMPLIANCE CERTIFICATION** signed by a responsible official of the company that owns or operates the affected source to include:
- (1) Statement that compliant stains, washcoats, sealers, topcoats, basecoats, enamels, and thinners, as applicable have been used each day in the semiannual reporting period or should otherwise identify the periods of noncompliance and the reasons for noncompliance.
 - (2) Statement that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented. During any period of time that an owner or operator is required to implement the provisions of the plan, each failure to implement an obligation under the plan during any particular day is a violation.
 - (3) Statement of whether or not the affected source was in compliance, and if not, what measures were taken to bring the affected source in compliance.
 - (4) The permittee shall demonstrate continuous compliance with 40 CFR 63.804 (a)(1) by submitting the results of the averaging calculation for each month as required by 40 CFR 63.807(c).
- D. Subsequent reports (**COMPLIANCE CERTIFICATION**) shall be submitted 30 calendar days after the end of each 6-months period following the first report.

These Conditions 1, 5, and 6 (Operating limitations, Record keeping, and Reporting) are intended to convey the requirements of 40 CFR Part 63, Subpart JJ, as applicable to the affected facilities permitted herein. This does not release the owner/operator of this source from responsibility for any requirements of Subpart JJ. not specifically stated in this permit.

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to Regulation 401 KAR 50:035, Section 5(4).

	<u>Description</u>	<u>Regulation</u>
15 (15)	Weil-McLein natural gas-fired boiler 0.175 mmBTU/hour heat input	401 KAR 59:015
16 (16)	41 space heater @ 0.08mmBTU/hr each (3.3 mmBTU/hr total) natural gas-fired, installed 1989-1996	

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. Compliance with annual emissions and processing limitations imposed pursuant to 401 KAR 50:035, Section 7(1)(a), and contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. Volatile organic compound (VOC) emissions shall be less than 225 tons per rolling 12 month period for the entire source (see Section F(2)).

SECTION E - CONTROL EQUIPMENT CONDITIONS

1. Pursuant to 401 KAR 50:012, Section 1(1) and 401 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the cabinet which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a) Date, place as defined in this permit, and time of sampling or measurements.
 - b) Analyses performance dates;
 - c) Company or entity that performed analyses;
 - d) Analytical techniques or methods used;
 - e) Analyses results; and
 - f) Operating conditions during time of sampling or measurement;
2. The permittee shall keep daily records of the throughput of coatings and thinners used. At the end of each month, these daily records shall be summarized and tons per month VOC emissions calculated, based upon the amount of coatings and thinners used at the facility during that month, then be recorded and reported. Tons VOC and HAP emissions per 12 months shall also be recorded and reported. Reports shall be filed within 30 days following the end of each calendar quarter. Tons per 12 months shall represent a 12 month rolling total. These records, as well as purchase orders and invoices for all VOC and HAP-containing materials, shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained at the source authorized by this permit for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.
3. The permittee shall allow the Cabinet or authorized representatives to perform the following:
 - a) Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
 - b) Have access to and copy, at reasonable times, any records required by the permit:
 - i) During normal office hours, and
 - ii) During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
 - c) Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
 - i) During all hours of operation at the source,
 - ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii) During an emergency; and
 - d) Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
 - i) During all hours of operation at the source,
 - ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii) During an emergency.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (continued)

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be reported to the Division's Frankfort Regional Office no later than the six-month anniversary date of this permit and every six months thereafter during the life of this permit, unless otherwise stated in this permit. Data from the continuous emission and opacity monitors shall be reported to the Director in accordance with the requirements of Regulation 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to Section 6(1) of Regulation 401 KAR 50:035, Permits. All deviations from permit requirements shall be clearly identified in the reports.
6. In accordance with Regulation 401 KAR 50:055, Section 1, the owner or operator shall notify the Division for Air Quality's Frankfort Regional Office by telephone as promptly as possible any deviation from permit requirements, including those due to malfunctions, unplanned shutdowns, ensuing startups, or upset conditions. Pursuant to Regulation 401 KAR 50:035, Section 7(1)(e), the notification shall describe the probable cause of the deviations and corrective actions or preventive measures taken.
7. The permittee shall certify compliance with the terms and conditions contained in this permit, annually on the permit issuance anniversary date to the Division for Air Quality's Frankfort Regional Office and the U.S. EPA in accordance with the following requirements:
 - a) Identification of each term or condition of the permit that is the basis of the certification;
 - b) The compliance status regarding each term or condition of the permit;
 - c) Whether compliance was continuous or intermittent; and
 - d) The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to 401 KAR 50:035, Section 7(1)(c),(d), and (e).
 - e) Other facts the Division may require to determine the compliance status of the source; and
 - f) The certification shall be postmarked by the thirtieth (30) day following the applicable permit issuance anniversary date.
8. In accordance with Regulation 401 KAR 50:035, Section 23, the permittee shall report all information necessary to determine its subject emissions.
9. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), results of any performance test shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL CONDITIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be (a) violation(s) of state regulation 401 KAR 50:035, Permits, Section 7(3)(d) and Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to Regulation 401 KAR 50:035, Section 12(2)(c);
 - b) The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.;
 - c) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.
5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority. The permittee shall also provide additional information as necessary to address any requirement that becomes applicable to the source after the date a complete permit application was submitted but prior to the release of the draft permit.

SECTION G - GENERAL CONDITIONS (continued)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit.
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance.
8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6).
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance.
11. This permit shall not convey property rights or exclusive privileges.
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.
15. Permit Shield: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.

(b) Permit Expiration and Reapplication Requirements

1. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division.

SECTION G - GENERAL CONDITIONS (continued)

c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of Regulation 401 KAR 50:035, Section 15.
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority thirty (30) days in advance of the transfer.

(d) Construction, Start-Up, and Initial Certification Requirements: None

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - i) An emergency occurred and the permittee can identify the cause of the emergency;
 - ii) The permitted facility was at the time being properly operated;
 - iii) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - iv) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of 401 KAR 50:035, Permits, Section 7(1)(e), and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. This requirement does not relieve the source of any other local, state or federal notification requirements.
2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.

SECTION G - GENERAL CONDITIONS (continued)

3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall:
 - a. Submit a Risk Management Plan to U.S.EPA, Region IV with a copy to this Division and comply with the Risk Management Program by June 21, 1999 or a later date specified by the U.S.EPA.
 - b. Submit additional relevant information if requested by the Division or the U.S. EPA.

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

SECTION G - GENERAL CONDITIONS (continued)

(i) Toxic air pollutants

1. Plantwide emissions of titanium dioxide shall not exceed 13.344 lbs/hr.
2. Plantwide emissions of methanol shall not exceed 22.603 lbs/hr.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None